| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C5-C6/D5-D6 | | 1 | 2.1 | 6.00 | 0.75 | 9.45 | |
| | C13-C14/D13-D14 | | 1 | 2.1 | 6.00 | 0.75 | 9.45 | |
| | D1-D5/F1-F5; D14-D17/F14-F17 | | 2 | 9.00 | 3.20 | 0.75 | 43.20 | |
| | H1-H5/J1-J5 ;H14-H17/J14-J17 | | 2 | 9.00 | 3.20 | 0.75 | 43.20 | |
| | E5-E6/E13-E14; I5-I6/I13-I14 | | 2 | 2.00 | 7.80 | 0.75 | 23.40 | |
| | D5-D14/E5-E14 | | 1 | 16.66 | 2.10 | 0.75 | 26.24 | |
| | I5-I14/J5-J14 | | 1 | 17.12 | 2.10 | 0.75 | 26.96 | |
| | J5J7/K5-K7; J12-J14/K12-K14 | | 1 | 3.12 | 4.76 | 0.75 | 11.12 | |
| | J7-J11/K7-K11 | | 1 | 7.59 | 3.12 | 0.75 | 17.73 | |
| | K5-K7/M5-M7; K11-K14/M11-M14 | | 2 | 4.27 | 4.59 | 0.75 | 29.40 | |
| | K7-K12/M7-M12 | | 1 | 4.27 | 7.59 | 0.75 | 24.31 | |
| | Garden area | | 1 | 9.38 | 12.92 | 0.45 | 54.54 | |
| | | | | | | | | |
| | | | | | | Total | 700.60 | |
| | | | | | | Approved BOQ qty | 597.00 | |
| | | | | | | Qty payable in this bill | 597.00 | cum |
| | | | | | | reserved Qty | 103.60 | |

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

30/4/17

Asst.Executive Engineer
Project-RR Nagara
BBMP

Agency

Consultant Representative

Asst. Engineer
Project RR-Nagara

Asst. Exece. Engineer
Project-RR Nagara

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 7 |
|---|---|
| Item Name: | Providing and laying in position Plain Cement Concrete of Mix 1:4:8 with OPC cement @ 180kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification complete as per the direction of the Engineer in-charge. |

| | CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | **floor concreting** | | | | | | | |
| | A4-A6/A'4-A'6 | | 1 | 3.35 | 1.385 | 0.10 | 0.46 | |
| | A'4-A'6/C'4-C'6 | | 1 | 3.35 | 4.385 | 0.10 | 1.47 | |
| | A6-A8/C6-C8 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | A8-A11/C8-C11, | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | A11-A13/C11-C13 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | B13-B'14/C13-C14 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | C6-C8/D6-D8 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | C8-C11/D8-D11 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | C11-C13/D11-D13 | | 1 | 4.154 | 6.00 | 0.10 | 2.49 | |
| | C1-C5/D1-D5 | | 1 | 10.5 | 6.00 | 0.10 | 6.30 | |

AEE(P)-2 RRN

Agency

Asst. Engineer
Project RR-Nagara
1/5/21

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative .

Asst. Exece. Engineer .
Project-RR Nagara .

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C14-C17/D14-D17 | | 1 | 10.5 | 6.00 | 0.10 | 6.30 | |
| | F1-F5/H1-H4 | | 1 | 10.5 | 6.00 | 0.10 | 6.30 | |
| | F14-F17/H14-H17 | | 1 | 10.5 | 6.00 | 0.10 | 6.30 | |
| | J1-L1-J5-L5 / J14-L14-J17-L17 | | 1 | 10.5 | 6.00 | 0.10 | 6.30 | |
| | C5-C6/D5-D6 | | 1 | 2.1 | 6.00 | 0.10 | 1.26 | |
| | C13-C14/D13-D14 | | 1 | 2.1 | 6.00 | 0.10 | 1.26 | |
| | D1-D5/F1-F5; D14-D17/F14-F17 | | 2 | 9.00 | 3.20 | 0.10 | 5.76 | |
| | H1-H5/J1-J5 ;H14-H17/J14-J17 | | 2 | 9.00 | 3.20 | 0.10 | 5.76 | |
| | E5-E6/E13-E14; I5-I6/I13-I14 | | 2 | 2.00 | 7.80 | 0.10 | 3.12 | |
| | D5-D14/E5-E14 | | 1 | 16.66 | 2.10 | 0.10 | 3.50 | |
| | I5-I14/J5-J14 | | 1 | 17.12 | 2.10 | 0.10 | 3.60 | |
| | J5J7/K5-K7; J12-J14/K12-K14 | | 1 | 3.12 | 4.76 | 0.10 | 1.48 | |
| | J7-J11/K7-K11 | | 1 | 7.59 | 3.12 | 0.10 | 2.36 | |
| | K5-K7/M5-M7; K11-K14/M11-M14 | | 2 | 4.27 | 4.59 | 0.10 | 3.92 | |

AEE(P)-2 RRN

Agency

Asst. Engineer
Project RR-Nagara 1/5/19

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Project-RR Nagara .

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | K7-K12/M7-M12 | | 1 | 4.27 | 7.59 | 0.10 | 3.24 | |
| | | | | | | Total | 86.14 | CUM |
| | Page NO: 28 | | | Qty of 1:4:8 for Pile CAP Item No Vide From | | | 32.95 | CUM |
| | Page NO: 50 | | | Qty of 1:4:8 for Grade SSM No Vide From | | | 45.42 | CUM |
| Item:7 | P-30 | | | Qty of 1:4:8 for Grade Beam Item No Vide From | | | 18.01 | CUM |
| | | | | | | total | 182.52 | CUM |
| | | | | | | BOQ | 174.10 | CUM |
| | | | | | Qty payable in this Bill | | 174.10 | CUM |
| | | | | | Qty reserved | | 8.42 | CUM |

Contractor Representative

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**

1/5/24

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

**Agency**

**Asst. Engineer**
**Project RR-Nagara**

**Consultant Representative .**

**Asst. Exece. Engineer .**
**Project-RR Nagara .**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 21 | |
|---|---|---|
| Item Name: | Providing and removing centering, shuttering, strutting, propping etc., for Columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. | |

| | CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | C-10 (230X600) | 3 | 1 | | 1.66 | 3.15 | 15.69 | |
| | C-9 (230X600) | 3 | 1 | | 1.66 | 3.15 | 15.69 | |
| | C-8 (230X600) | 5 | 1 | | 1.66 | 3.15 | 26.15 | |
| | C-7 (230X450) | 18 | 1 | | 1.36 | 3.15 | 77.11 | |
| | C-6 (230X450) | 28 | 1 | | 1.36 | 3.15 | 119.95 | |
| | C-5 (230X450) | 9 | 1 | | 1.36 | 3.15 | 38.56 | |
| | C-4 (230X230) | 2 | 1 | | 0.92 | 3.15 | 5.80 | |
| | C-3 (230X230) | 8 | 1 | | 0.92 | 3.15 | 23.18 | |
| | | | | | | **Total** | **322.12** | |
| | | | | | **Approved BOQ qty** | | **576.27** | |
| | | | **Qty payable in this Bill** | | | | **322.12** | **sqm** |

AEE(P)-2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**
22/4/19

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 24 | |
|---|---|---|
| Item Name: | Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) Except Spiral Staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. complete as per the direction of the Engineer in-charge. | |

| CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|
| STAIRCASE | | | | | | | |
| Foundation Beam | 1 | 2 | 1.20 | | 0.45 | 1.08 | |
| Waist Slab 1st | 1 | 1 | 1.20 | | 3.05 | 3.66 | |
| Waist Slab 2nd | 1 | 1 | 1.20 | | 1.67 | 2.00 | |
| landing 1st | 1 | 1 | 1.20 | | 1.20 | 1.44 | |
| landing 2nd | 1 | 1 | 1.20 | | 1.20 | 1.44 | |
| steps sides | 1 | 2 | 4.75 | | 0.45 | 4.28 | |
| landing sides | 2 | 2 | 1.20 | | 0.30 | 1.44 | |
| mid beam | 1 | 2 | 3.60 | | 0.45 | 3.24 | |
| | | | | | **Total** | **18.58** | |
| | | | | | **Approved BOQ qty** | **23.60** | |
| | | | | | **Qty payable in this Bill** | **18.58** | **sqm** |

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**
22/4/24

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| | | |
|---|---|---|
| Item No: | **25** | |
| Item Name: | Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, circular or curved in plan including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. complete as per the direction of the Engineer in-charge. | |

| | **CHAINAGE** | | **NO** | **L** | **B** | **D** | **QTY** | **REMARKS** |
|---|---|---|---|---|---|---|---|---|
| | **Land Mark** | | | **(m)** | **(m)** | **(m)** | | |
| | C-2 (300 dia) | 2 | 1 | 3.14*0.3 | | 3.15 | 5.93 | |
| | C-1 (300 dia) | 2 | 1 | 3.14*0.3 | | 3.15 | 5.93 | |
| | | | | | | **Total** | **11.87** | 11.86 |
| | | | | | **Approved BOQ qty** | | **11.00** | |
| | | | **Qty payable in this Bill** | | | | **11.87** | Sqm |

AEE(P)-2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**
22/4/19

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 13 | |
|---|---|---|
| Item Name: | Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) M30 grade complete as per the direction of the Engineer in-charge. | |

| | CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | **COLUMNS:-** | | | | | | | |
| | C-10 (230X600) | 1 | 3 | 0.23 | 0.60 | 3.15 | 1.30 | |
| | C-9 (230X600) | 1 | 3 | 0.23 | 0.60 | 3.15 | 1.30 | |
| | C-8 (230X600) | 1 | 5 | 0.23 | 0.60 | 3.15 | 2.17 | |
| | C-7 (230X450) | 1 | 18 | 0.23 | 0.45 | 3.15 | 5.87 | |
| | C-6 (230X450) | 1 | 28 | 0.23 | 0.45 | 3.15 | 9.13 | |
| | C-5 (230X450) | 1 | 9 | 0.23 | 0.45 | 3.15 | 2.93 | |
| | C-4 (230X230) | 1 | 2 | 0.23 | 0.23 | 3.15 | 0.33 | |
| | C-3 (230X230) | 1 | 8 | 0.23 | 0.23 | 3.15 | 1.33 | |
| | C-2 (300 dia) | 1 | 2 | 3.14*(0.3*0.3)/4 | | 3.15 | 0.45 | |
| | C-1 (300 dia) | 1 | 2 | 3.14*(0.3*0.3)/4 | | 3.15 | 0.45 | |
| | **STAIRCASE** | | | | | | | |
| | Foundation Beam | 1 | 1 | 1.20 | 0.30 | 0.45 | 0.16 | |
| | Waist Slab 1st | 1 | 1 | 1.20 | 3.05 | 0.175 | 0.64 | |
| | Waist Slab 2nd | 1 | 1 | 1.20 | 1.67 | 0.175 | 0.35 | |
| | landing 1st | 1 | 1 | 1.20 | 1.20 | 0.175 | 0.25 | |
| | landing 2nd | 1 | 1 | 1.20 | 1.20 | 0.175 | 0.25 | |
| | steps | 1 | 14 | 1.20 | 1/2*0.15*0.30 | | 0.38 | |
| | | | | | | | | |
| | | | | | | **Total** | **27.30** | **CUM** |
| | | | | **Qty payable in this Bill** | | | **27.30** | **CUM** |

AEE(P)-2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

28/4/24

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 32 | |
|---|---|---|
| Item Name: | Providing and constructing Burnt Brick Masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. GROUND FLOOR | |

| | CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | A4-A13 | 1 | 1 | 3.50 | 3.15 | 0.23 | 2.536 | |
| | | 2 | 1 | 8.53 | 3.15 | 0.23 | 12.360 | |
| | | 1 | 1 | 4.15 | 3.15 | 0.23 | 3.007 | |
| | A'4 - A'6 | 1 | 1 | 3.50 | 3.15 | 0.23 | 2.536 | |
| | B11-B15 | 1 | 1 | 4.15 | 3.15 | 0.23 | 3.010 | |
| | | 1 | 1 | 5.57 | 3.15 | 0.23 | 4.035 | |
| | C1 C17 | 1 | 1 | 9.45 | 3.15 | 0.23 | 6.847 | |
| | | 1 | 1 | 11.28 | 3.15 | 0.23 | 8.172 | |
| | | 1 | 1 | 9.45 | 3.15 | 0.23 | 6.847 | |
| | D1-D17 | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | | 2 | 1 | 12.02 | 3.15 | 0.23 | 17.417 | |
| | | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | F1-F5 | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | F14-F17 | 2 | 1 | 9.60 | 3.15 | 0.23 | 13.910 | |
| | H1-H5 | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | H14-H17 | 2 | 1 | 9.60 | 3.15 | 0.23 | 13.910 | |
| | J1-J5 | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | J14-J17 | 1 | 1 | 9.60 | 3.15 | 0.23 | 6.955 | |
| | L1-L5 | 1 | 1 | 9.60 | 3.00 | 0.23 | 6.624 | |
| | L14-L17 | 1 | 1 | 9.60 | 3.00 | 0.23 | 6.624 | |
| | J5-J14 | 2 | 1 | 4.76 | 3.15 | 0.23 | 6.897 | |
| | | 2 | 1 | 2.37 | 3.15 | 0.23 | 3.434 | |
| | K7-K14 | 2 | 1 | 2.37 | 3.15 | 0.23 | 3.434 | |
| | K'5-K'14 | 2 | 1 | 4.76 | 3.15 | 0.23 | 6.897 | |
| | L7-L12 | 1 | 1 | 7.59 | 3.15 | 0.23 | 5.499 | |
| | A4-C4; A6-C6; A11-C11; A13-C13 | 4 | 1 | 5.78 | 3.15 | 0.23 | 16.750 | |
| | A15-C15 | 1 | 1 | 3.60 | 3.15 | 0.23 | 2.608 | |
| | C1D1;F1H1;J1L1 | 3 | 1 | 7.59 | 3.00 | 0.23 | 15.711 | |
| | C17D17;F17H17;J17L17 | 3 | 1 | 6.00 | 3.00 | 0.23 | 12.420 | |
| | C5D5; C6D6; C13D13;C14D14 | 4 | 1 | 6.00 | 3.15 | 0.23 | 17.388 | |

AEE(P)-2 RRN

Agency

Asst. Engineer
Project RR-Nagara
4/5/21

Consultant Representative .

Asst. Exece. Engineer .
Project-RR Nagara .

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | F5H5; F14C14 | 2 | 1 | 5.56 | 3.15 | 0.23 | 8.056 | |
| | J5L5; J14L14 | 2 | 1 | 5.56 | 3.15 | 0.23 | 8.056 | |
| | J7M7;J12M12 | 2 | 2 | 7.38 | 3.15 | 0.23 | 21.387 | |
| | INSIDE BATHROOM 230mm wall | 4 | 1 | 0.87 | 3.15 | 0.23 | 2.507 | |
| | | 2 | 1 | 1.25 | 3.15 | 0.23 | 1.811 | |
| | | 2 | 1 | 3.11 | 3.15 | 0.23 | 4.506 | |
| | | | | | | | | |
| | | | | | | | 286.93 | |
| | | | | | | | | |
| | | | | | | | | |
| | **Deductions:-** | | | | | | | |
| | MD | 1 | 1 | 2.1 | 2.4 | 0.23 | 1.159 | |
| | D1-D17 | 17 | 1 | 1.2 | 2.4 | 0.23 | 11.261 | |
| | D2 | 2 | 1 | 0.9 | 2.1 | 0.23 | 0.869 | |
| | D3 | 25 | 1 | 0.75 | 2.1 | 0.23 | 9.056 | |
| | C G | 1 | 1 | 2 | 2.1 | 0.23 | 0.966 | |
| | W | 3 | 1 | 2 | 1.5 | 0.23 | 2.070 | |
| | W1 | 36 | 1 | 1.8 | 1.5 | 0.23 | 22.356 | |
| | SW | 2 | 1 | 1 | 1.5 | 0.23 | 0.690 | |
| | V | 6 | 1 | 1.5 | 0.6 | 0.23 | 1.242 | |
| | V1 | 1 | 1 | 1 | 0.6 | 0.23 | 0.138 | |
| | V2 | 25 | 1 | 0.75 | 0.6 | 0.23 | 2.588 | |
| | Lintel qty vide Lintel qty item 13 | | | | | | 8.98 | |
| | | | | | | | 61.378 | |
| | | | | **H1043-H1057** | | | 225.55 | |
| | | | | | **Approved BOQ qty** | | **217.0** | **CUM** |
| | | | | | **Qty payable in this Bill** | | **217.0** | **CUM** |
| | | | | | **Qty reserved** | | **8.55** | |

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

**Agency**

**Consultant Representative**

**Asst. Engineer**
**Project RR-Nagara**

**Asst. Exece. Engineer**
**Project-RR Nagara**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 34 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Item Name: | Construction of partition wall 11.2 cms thick with non modular ground moulded burnt bricks of class designation with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c/c including cost of materials, labour charges, scaffolding, curing complete as per the direction of the Engineer in-charge. | | | | | | | |
| | **CHAINAGE** | | **NO** | **L** | **B** | **D** | **QTY** | **REMARKS** |
| | **Land Mark** | | | **(m)** | **(m)** | **(m)** | | |
| | Inside baghroom partition walls | | | | | | | |
| | | 36 | 1 | 1.5 | | 3.45 | 186.30 | |
| | | 7 | 1 | 1.32 | | 3.45 | 31.88 | |
| | | 2 | 1 | 1.84 | | 3.45 | 12.70 | |
| | | 7 | 1 | 2.11 | | 3.45 | 50.96 | |
| | | 1 | 1 | 2.61 | | 3.45 | 9.00 | |
| | Deductions: f | 25 | 1 | 0.75 | | 2.1 | -31.38 | |
| | | | | | **total qty** | | **251.5** | |
| | | | | | **Approved BOQ qty** | | **132.00** | |
| | | | **Qty payable in this Bill** | | | | **132.00** | **sqm** |
| | | | **Qty reserved in this Bill** | | | | **119.46** | |

E.E (C) R.R.N.P)-2 RRN

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

**Assistant Engineer** 4/5/24
**Project-RR Nagara**
**BBMP**

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 8 | |
|---|---|---|
| Item Name: | Providing and laying in position Plain Cement Concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded granite metal coarse aggregates @ 0.878 cum & fine aggregates @ 0.53 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, plinth and Cills including cost of all materials, labour, HOM of machinery, curing complete as per specification. complete as per the direction of the Engineer in-charge. | |

| | CHAINAGE Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | Window Cills | | 44 | 2.10 | 0.23 | 0.100 | 2.13 | |
| | | | | | | **Total** | **2.13** | |
| | | | | | **Approved BOQ qty** | | **60.70** | |
| | | | | | **Qty payable in this Bill** | | **2.13** | **CUM** |

AEE(P)-2 RR

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**
1/5/21

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | **20** | |
|---|---|---|
| Item Name: | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of Beams, beam haunchings, cantilever girders, bressumers & Lintels & not exceeding 1.0 m in depth including cost of all materials, labour complete as per specifications. | |

| | **CHAINAGE** / **Land Mark** | | **NO** | **L** (m) | **B** (m) | **D** (m) | **QTY** | **REMARKS** |
|---|---|---|---|---|---|---|---|---|
| | **LINTELS** | no of beams | no of sides | L | | W | | |
| | L1 C1D1; F1H1,J1L1,C17D17, F17H17,J17L17 | 2 | 6 | 6.00 | | 0.20 | 14.40 | |
| | A1C1 | 2 | 1 | 5.75 | | 0.20 | 2.30 | |
| | A6A11 | 2 | 1 | 8.50 | | 0.20 | 3.40 | |
| | A11A13 | 2 | 1 | 2.10 | | 0.20 | 0.84 | |
| | A1C1 | 2 | 1 | 4.50 | | 0.20 | 1.80 | |
| | A11C11 | 2 | 1 | 6.00 | | 0.20 | 2.40 | |
| | A13B13 V1 | 2 | 1 | 0.80 | | 0.20 | 0.32 | |
| | B15 C15 | 2 | 1 | 3.60 | | 0.20 | 1.44 | |
| | C1C4 | 2 | 2 | 3.23 | | 0.20 | 2.58 | |
| | | 2 | 1 | 3.05 | | 0.20 | 1.22 | |
| | | 2 | 1 | 3.34 | | 0.20 | 1.34 | |
| | C5D5; C6D6; C13D13; C14D14 | 2 | 4 | 5.78 | | 0.20 | 9.25 | |
| | F1F5 @ DOOR D1 | 2 | 2 | 2.65 | | 0.20 | 2.12 | |
| | D6D13 | 2 | 3 | 4.00 | | 0.20 | 4.80 | |
| | D14D17 @ D1 | 2 | 2 | 2.10 | | 0.20 | 1.68 | |
| | BATHROOM FOR V1 | 2 | 4 | 3.00 | | 0.20 | 4.80 | |
| | AT H4 , H14 FOR D1 | 2 | 2 | 2.10 | | 0.20 | 1.68 | |
| | J1 TO J17 FOR D1 & D2 | 2 | 4 | 2.10 | | 0.20 | 3.36 | |
| | do FOR W1 | 2 | 2 | 4.76 | | 0.20 | 3.81 | |
| | D1 at K10 | 2 | 2 | 2.10 | | 0.20 | 1.68 | |
| | AT CLINIC W1 | 2 | 1 | 2.20 | | 0.20 | 0.88 | |

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Agency

Consultant Representative

Asst. Engineer
Project RR-Nagara
30/4/19

Asst. Exece. Engineer
Project-RR Nagara

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | AT WARDEN W1 | 2 | 1 | 2.20 | | 0.20 | 0.88 | |
| | ENTRANCE LOBB' | 2 | 1 | 6.85 | | 0.20 | 2.74 | |
| | L1L4,L14L17 FOR W | 2 | 2 | 10.50 | | 0.20 | 8.40 | |
| | | | | | | **Total** | **78.12** | |
| | Page NO: 57 | Qty of sump Cetering Item No Vide From | | | | | **736.26** | |
| | | | | | | **Total Work Done** | **814.38** | **sqm** |
| | | | | | | **Approved BOQ qty** | **1395.34** | |
| | | | | | | **Qty payable in this Bill** | **814.38** | **sqm** |

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

**Assistant Engineer**
**Project-RR Nagara**
**BBMP**
30/4/21

**Asst.Executive Engineer**
**Project-RR Nagara**
**BBMP**

**Agency**

**Consultant Representative .**

**Asst. Engineer**
**Project RR-Nagara**

**Asst. Exece. Engineer .**
**Project-RR Nagara .**

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**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17**

**Measurement Sheet**

**First and Part**

| Item No: | 26 | |
|---|---|---|
| Item Name: | Providing and removing centering, shuttering, strutting, propping etc., for Chajjas, corbels of all shapes & sizes, at all elevations & heights. complete as per the direction of the Engineer in-charge. | |

| | CHAINAGE / Land Mark | | NO | L (m) | B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | for chejjas | | 26 | 2.1 | | 0.6 | 32.76 | |
| | V1 | | 4 | 3.1 | | 0.6 | 7.44 | |
| | V2 | | 1 | 0.9 | | 0.6 | 0.54 | |
| | | | | | | | 40.74 | |
| | | | | | Approved BOQ qty | | 40.30 | |
| | | | | | Qty payable in this Bill | | 40.74 sqm | ACE(P)-2 RRN |
| | | | | | Qty reserved | | 0.44 | |

Contractor Representative

Consultant Representative

B.k. Ramakrishna
Assistant Engineer
Project-RR Nagara
BBMP
3/4/24

B.k. Ramakrishna
Asst.Executive Engineer
Project-RR Nagara
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